Amendments to the Claims

1. (currently amended) A peptide having a molecular weight of less than about 8000 daltons, and comprising a sequence of amino acids selected from the group consisting of (SEQ ID NOs 6-13, respectively): G G C A D G P T L R E W I S F C G G; G N A D G P T L R Q W L E G R R P K N; G G C A D G P T L R E W I S F C G G K; T I K G P T L R Q W L K S R E H T S; S I E G P T L R E W L T S R T P H S; L A I E G P T L R Q W L H G N G R D T; C A D G P T L R E W I S F C; and I E G P T L R Q W L A A R A

~~(SEQ ID NO:2): X_1 X_2 X_3 X_4 X_5 X_6 X_7~~

~~where X_1 is C, L, M, P, Q, V; X_2 is F, K, L, N, Q, R, S, T or V; X_3 is C, F, I, L, M, R, S, V or W; X_4 is any of the 20 genetically encoded L-amino acids; X_5 is A, D, E, G, K, M, Q, R, S, T, V or Y; X_6 is C, F, G, L, M, S, V, W or Y; and X_7 is C, G, I, K, L, M, N, R or V;~~

and having a detectable label covalently attached to said peptide.

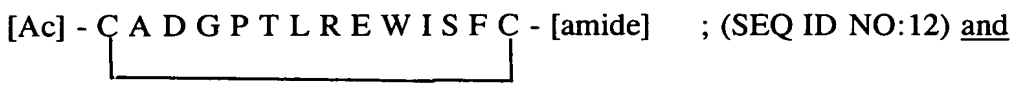
2. (canceled)

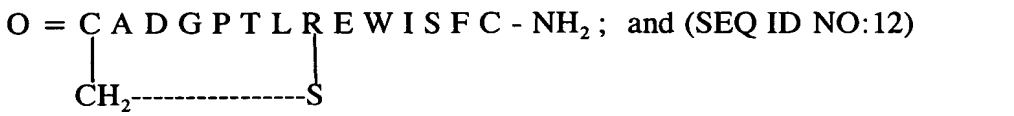
3. (original) A peptide according to claim 1 wherein said detectable label is selected from the group consisting of radioisotopes, enzymes and flourescent labels.

4. – 14. (Canceled)

15. (currently amended) A peptide ~~according to claim 14, wherein said~~ consisting of an amino acid sequence ~~is~~ selected from the group consisting of (SEQ ID NOs 6-13, respectively): G G C A D G P T L R E W I S F C G G; G N A D G P T L R Q W L E G R R P K N; G G C A D G P T L R E W I S F C G G K; T I K G P T L R Q W L K S R E H T S; S I E G P T L R E W L T S R T P H S; L A I E G P T L R Q W L H G N G R D T; C A D G P T L R E W I S F C; and I E G P T L R Q W L A A R A , and having a detectable label covalently attached to said peptide .

16. (currently amended) A compound having a detectable label covalently attached thereto, said compound selected from the group consisting of





~~I E G P T L R Q W L A A R A (SEQ ID NO:17)~~

~~I E G P T L R Q W L A A R A (βala) K [NH$_2$] (SEQ ID NO:18)~~.

17. (original) A compound according to claim 16 wherein said detectable label is selected from the group consisting of radioisotopes, enzymes and flourescent labels.

18. (currently amended) A compound according to claim 16, wherein said label is attached ~~to said peptide~~ using a spacer.

19. (previously presented) A compound comprising the sequence of amino acids: IEGPTLRQWL (SEQ ID NO:5).

20. (previously presented) A compound that is a dimer of two sequences, each sequence comprising IEGPTLRQWL (SEQ ID NO:5)

21. -26 (canceled)

27. (previously presented) A compound that is a dimer of two sequences, each sequence comprising IEGPTLRQWLAARA (SEQ ID NO:17).